

**DECLARATION OF PERFORMANCE**
No. 1.05**1. Unique identification code of the product type:**

PVC Logicroof V-GR membrane 1,5 mm –
declaration of performance № 1.05
PVC Logicroof V-GR membrane 1,8 mm –
declaration of performance № 1.05
PVC Logicroof V-GR membrane 2,0 mm –
declaration of performance № 1.05
PVC Logicroof V-GR membrane 2,4 mm –
declaration of performance № 1.05

2. Intended use/es:

Flexible sheets for roof waterproofing

3. Manufacturer:

Zavod Logicroof LLC
Vostochny Promuzel 21, Ryazan, 390047, Russian
Federation

4. System/s of AVCP:

System 2+ and 3

**5. Harmonised standard:
Notified body/ies:**

EN 13956:2012
1023 (INSTITUTE FOR TESTING AND
CERTIFICATION, a.s.
trida Tomase Bati 299, Louky, 763 02 Zlin, Czech
Republic)



6. Declared performance Characteristics 1) md =machine direction 2) cmd =cross machine direction	Performance	Requirement clauses in EN 13956:2012	Test method
Reaction to fire Logicroof V-GR 1,5 mm Logicroof V-GR 1,8 mm Logicroof V-GR 2,0 mm Logicroof V-GR 2,4 mm	Class E	5.2.5.2	EN 13501-1
Watertightness Logicroof V-GR 1,5 mm Logicroof V-GR 1,8 mm Logicroof V-GR 2,0 mm Logicroof V-GR 2,4 mm	Pass (24h/10 kPa)	5.2.3	EN 1928-2 B
Tensile strength longitudinal (md)¹⁾ transversal (cmd)²⁾ Logicroof V-GR 1,5 mm Logicroof V-GR 1,8 mm Logicroof V-GR 2,0 mm Logicroof V-GR 2,4 mm	≥ 13 MPa ≥ 13 MPa	5.2.9	EN 12311-2
Elongation longitudinal (md)¹⁾ transversal (cmd)²⁾ Logicroof V-GR 1,5 mm Logicroof V-GR 1,8 mm Logicroof V-GR 2,0 mm Logicroof V-GR 2,4 mm	≥ 200% ≥ 200%	5.2.9	EN 12311-2
Root resistance Logicroof V-GR 1,5 mm Logicroof V-GR 1,8 mm Logicroof V-GR 2,0 mm Logicroof V-GR 2,4 mm	Passed	5.2.13	FLL 2018, EN 13948
Resistance to static load Logicroof V-GR 1,5 mm Logicroof V-GR 1,8 mm Logicroof V-GR 2,0 mm Logicroof V-GR 2,4 mm	≥20 kg	5.2.11	EN 12730 B
Resistance to impact (rigid sub.) / (soft sub.) Logicroof V-GR 1,5 mm Logicroof V-GR 1,8 mm Logicroof V-GR 2,0 mm Logicroof V-GR 2,4 mm	≥ 600 mm / ≥ 700 mm ≥ 800 mm / ≥ 1000 mm ≥1100 mm/≥1500 mm ≥1400 mm/≥1800 mm	5.2.10	EN 12691
Tear resistance longitudinal (md)¹⁾ transversal (cmd)²⁾ Logicroof V-GR 1,5 mm Logicroof V-GR 1,8 mm Logicroof V-GR 2,0 mm Logicroof V-GR 2,4 mm	≥ 110 N ≥ 110 N	5.2.12	EN 12310-2
Joint peel resistance / Joint strength Logicroof V-GR 1,5 mm Logicroof V-GR 1,8 mm Logicroof V-GR 2,0 mm Logicroof V-GR 2,4 mm	≥ 300 N/50 mm ≥ 600 N/50 mm	5.2.7	EN 12316-2 / EN 12317-2
Durability Logicroof V-GR 1,5 mm	Pass (>5000 h)	5.2.16	EN 1297

Logicroof V-GR 1,8 mm Logicroof V-GR 2,0 mm Logicroof V-GR 2,4 mm			
Foldability Logicroof V-GR 1,5 mm Logicroof V-GR 1,8 mm Logicroof V-GR 2,0 mm Logicroof V-GR 2,4 mm	≤ - 25°C	5.2.15	EN 495-5
Dimensional stability Logicroof V-GR 1,5 mm Logicroof V-GR 1,8 mm Logicroof V-GR 2,0 mm Logicroof V-GR 2,4 mm	≤ 0,5%	5.2.14	EN 1107-2
Dangerous substances Logicroof V-GR 1,5 mm Logicroof V-GR 1,8 mm Logicroof V-GR 2,0 mm Logicroof V-GR 2,4 mm	NPD	5.3	-

Note 1 According test reports for roofing systems with PVC LOGICROOF issued by independent testing labs. Available by request.

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Declaration is available on site:

http://en.technicol.eu/materials/synthetic-membranes/logicroof-membranes/logicroof_v-gr

Signed for and on behalf of the manufacturer by:

Anton Taritcyn

Product development & certification specialist

Ryazan, April 26, 2021